

Claims

1. A proanthocyanidine having an effect of attenuating a vacuolating toxin produced by *Helicobacter pylori*.
2. A proanthocyanidine as claimed in claim 1, the proanthocyanidine originates in hop
5 or hop bract.
3. A proanthocyanidine as claimed in claim 1, the proanthocyanidine originates in apple.
4. A preventive or preventing recurrence or treating agent for digestive diseases that *Helicobacter pylori* participates, wherein an effective ingredient of the agent is the
10 proanthocyanidine as claimed in claim 1.
5. A preventive or preventing recurrence or treating agent for digestive diseases that *Helicobacter pylori* participates, wherein an effective ingredient of the agent is the proanthocyanidine as claimed in claim 2.
6. A preventive or preventing recurrence or treating agent for digestive diseases that
15 *Helicobacter pylori* participates, wherein an effective ingredient of the agent is the proanthocyanidine as claimed in claim 3.
7. A neutralizing agent for vacuolating toxin that is produced by *Helicobacter pylori*, wherein an effective ingredient of the agent is the proanthocyanidine as claimed in claim 1.
- 20 8. A neutralizing agent for vacuolating toxin that is produced by *Helicobacter pylori*, wherein an effective ingredient of the agent is the proanthocyanidine as claimed in claim 2.
9. A neutralizing agent for vacuolating toxin that is produced by *Helicobacter pylori*, wherein an effective ingredient of the agent is the proanthocyanidine as claimed in
25 claim 3.
10. A quasi drug containing as an effective ingredient the proanthocyanidine as claimed in claim 1.
11. A quasi drug containing as an effective ingredient the proanthocyanidine as claimed in claim 2.
- 30 12. A quasi drug containing as an effective ingredient the proanthocyanidine as claimed in claim 3.
13. A food and drink product containing as an effective ingredient the proanthocyanidine as claimed in claim 1.
14. A food and drink product containing as an effective ingredient the
35 proanthocyanidine as claimed in claim 2.
15. A food and drink product containing as an effective ingredient the

proanthocyanidine as claimed in claim 3.